

VOLKOV, M.V., red.

[Osteoblastoclastoma; giant-cell bone tumor. Transactions of the symposium..., May 30-31, 1960] Osteoblastoklastoma; gigantokletochnaia opukhol' kosti. Trudy simpoziuma... 30-31 maia 1960 g. Moskva, TSentr. in-t travmatologii i ortopedii, 1962. 245 p. (MIRA 18:10)

1. Simpozium po voprosam patalogicheskoy anatomii, kliniki, lecheniya i iskhodov osteoblastoklastom. Moscow, 1960.

VOLKOV, M.V.; GERTSEN, I.G.

13th Congress of the Orthopedists of the German Democratic  
Republic. Ortop., travm. i protez. 25 no.11:91-94 N '64.  
(MIRA 18:11)

VOLKOV, M.V., prof.

Method of vertical submerged traction with a load in  
orthopedic practice; based on materials dealing with  
a visit to Hungary. Ortop., travm. i protez. 26 (MIRA 18:12)  
no.4:87-90 Ap '65.

1. Iz Tsentral'nogo instituta travmatologii i ortopedii  
Ministerstva zdravookhraneniya SSSR. Chlen-korrespondent  
AMN SSSR.

VOIKOV, M.V.; DVORKIN, A.M. (Moskva)

Ways of improving polyclinical traumatological and orthopedic  
aid to the population. Ortop., travm. i protez. 26 no.5:41-46  
My '65. (MIRA 18:10)

1. Adres avtorov: Moskva A-- 299, ul. Pridorova, d.10, TSentral'nyy  
institut travmatologii i ortopedii.

VOLKOV, M.W., prof. (Moskva)

Meeting with Lorentz Böhler; on his 80th birthday. Ortop.,  
travm. i protez. 26 no.5:86-89 My '65. (MIRA 18:10)

VOLKOV, M.V., prof.; BALABA, T.Ya., doktor med. nauk; MEL'NIKOVA, V.M.,  
kand. med. nauk; SHEPELEVA, I.S., kand. med. nauk

Modern achievements of chemistry in the practice of traumat-  
ology and orthopedics; results of the work of the Central  
Institute of Traumatology and Orthopedics. Ortop., travm.  
i protez. 26 no.8:3-10. Ag '65. (MIRA 18:9)

1. Chlen-korrespondent AMN SSSR (for Volkov).

VOVKOV, M.V., prof.; PODKOZIN, V.A.

Use of amniotic tissue of the human placenta in arthroplasty.  
Ortop., traum. i protez. 26 no.9:20-23 S '65. (MIRA 18:10)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (direk-  
tor- chlen-korrespondent ANU SSSR prof. M.V. Volkov). Adres  
avtorov: Moskva A-299, ul. Pricrova, d. 10, Tsentral'nyy insti-  
tut travmatologii i ortopedii.

VOLKOV, M.B.; PARKIN, J.W.

Some results of the implementation of the plan for scientific studies on the problem "Trauma, inflammation, and orthopedic diseases" during 1964. It is noted that the plan was completed in 1965. (MIRA 18:10)

1. Predsedatel' Problemy komissii Vsesoyuznogo nauchnogo obshchestva travmatologov-ortopedov (for Volkov). 2. Vperyadskiy sekretar' komissii Vsesoyuznogo nauchnogo obshchestva travmatologov-ortopedov (for Parkin). Adres avtorov: Moskva 1-199, ul. Frunze, d. 18, Tsentral'nyy institut travmatologii i ortopedii.



VOLKOV, M.V., prof.; ARENBERG, A.A.

Mixed forms of fibrous and cartilaginous dysplasia of the bones.

Ortop., travm. i protez. 26 no.3:3-9 Mr '65. (MIRA 18:7)

1. Iz otdeleniya detskoy kostnoy patologii TSentral'nogo instituta travmatologii i ortopedii (dir. i rukovoditel' otdeleniya - chlen-korrespondent AMN SSSR prof. M.V.Volkov). Adres avtorov: Moskva A-299, ul. Priorova, d.10, TSentral'nyy institut travmatologii i ortopedii.

VOLKOV, M.V., Prof.

Timofei Petrovich Kraenetsky as an orthopedist; on the 50th anniversary of his birth. Ortop., travm. i protaz. 26 no.3:73-77 M  
'65. (MIRA 18:7)

1. Chlen-korrespondent AMN SSSR. Adres avtoral: Moskva A-299, ul. Priorova, d.10, Tsentral'nyy institut travmatologii i ortopedii.

SHLAPOBERSKIY, V.Ya.; VOLKOV, M.V.

Basic principles for the diagnosis of bone tumors. Ortop., travm.  
i protez. 25 no.3:3-13 Mr '64. (MIRA 18:3)

1. Iz otdeleniya kostnoy patologii vzroslykh (zav. - prof. V.Ya. Shlapoberskiy) i iz otdeleniya kostnoy patologii detey (zav. - cheln-korrespondent AMN SSSR prof. M.V.Volkov) TSentral'nogo instituta travmatologii i ortopedii.

VOLKOV, M.V. (Moskva); SHULUTKO, L.I. (Kazan')

Ninth International Congress on Orthopedic Surgery and Traumatology.  
Ortop., travm. i protez. 25 no.5:84-89 My '64.

(MIRA 18:4)

VOLKOV, M.V.

Arkadii Vladimirovich Kaplan; on his 60th birthday. Ortop., travm.  
i protez. 25 no.8:74 Ag '64. (MIRA 18:4)

VOLKOV, M.V.; GORDYUSHKO, N.A. (Moskva); MEZHENINA, Ye.P., prof. (Kiyev)

Reviews. Ortop., travm. i protez. 26 no.1:87-90 Ja '65.

(MIRA 18:5)

BOGDANOV, F.R., prof., red.; VOLKOV, M.V., prof., red.; KAZ'MIN,  
A.I., st.nauchn. sotr., red.; DVORKIN, A.M., st. nauchn.  
sotr., red.; NOVACHENKO, N.P., prof., red.; SAFONOV, A.G.,  
red.; CHAKLIN, V.F. (Moskva), red.

[Materials of the Congress of Traumatologists and Ortho-  
pedists of the U.S.S.R., September 17-21, 1963] Materialy  
S"ezda travmatologov ortopedov SSSR. Vses.nauchn.med. ob-vo  
travmatologov-ortopedov, 1963. 211 p. (MIRA 18:4)  
1. S"yezd travmatologov ortopedov SSSR. 1st, 1963. 2. Mi-  
nisterstvo zdravookhraneniya SSSR (for Safonov).

VOLKOV, M.V., prof.; ARENBERG, A.A.

Clinical aspects , diagnosis and treatment of the Maffucci's  
syndrome. Ortop., travm. i protez. 25 no.4:41-46 Ap '64  
(MIRA 18:1)

1. Iz TSentral'nogo instituta travmatologii i ortopedii (di-  
rektor - chlen-korrespondent AMN SSSR, prof. M.V. Volkov).  
Adres avtorov: Moskva, A-299, Novaya Ipatovka, d.8., TSentral'-  
nyy institut travmatologii i ortopedii.



VOLKOV, M.V.; doktor med. nauk; PANOVA, M.I., starshiy nauchnyy sotrudnik

Some problems of preservation and transplantation of homologous tissues. Ortop., travm. i protez. no.9:11-16 '62.

(MIRA 17:11)

1. Adres avtorov: Moskva G-21, Teplyy pereulok, d.16, TSentral'nyy institut travmatologii i ortopedii.

VOLKOV, M.V., prof.; KHEYFETS, L.Z., starshiy nauchnyy sotrudnik

First All-Union Conference of Traumatologists and Orthopedists.  
Ortop., travm. i protez. 25 no. 1:76-83 Ja '64. (MIRA 17:9)

1. Chlen-korrespondent AMN SSSR (for Volkov).

VOLKOV, M.V., prof.; PANOVA, M.I.; IMAMALIEV, A.S.

Tissue preservation and bone homoplasty in clinical practice.  
Khirurgiia 40 no.2:121-128 F '64. (MIRA 17:7)

1. Tsentral'nyy institut travmatologii i ortopedii (direktor -  
chlen-korrespondent AMN SSSR prof. M.V. Volkov), Moskva.

ARENDE, A.A., prof.; ARTARYAN, A.A., kand.med.nauk; BAIROV, G.A., prof.;  
VOLKOV, M.V., prof.; VARSHAVSKAYA, D.Ya., kand. med. nauk;  
VOROKHOBOV, L.A.; GENERALOV, A.I., kand. med. nauk;  
DANIYEL'BEK, K.V., kand. med. nauk; DERZHAVIN, V.M., kand.  
med. nauk; DOLETSKIY, S.Ya., prof.; YERMOLIN, V.N.; ZATSEPIN,  
S.T., kand. med. nauk; ZVYAGINTSEV, A.Ye., dots.; ISAKOV, Yu.F.,  
doktor med. nauk; KOZYREV, V.A., kand. med. nauk; KONOVALOV,  
A.N.; KORNYANSKIY, G.P., prof.; KLIMANSKIY, V.A., kand. med.  
nauk; KLIMKOVICH, I.G., dots.; KONDRASHIN, N.I., kand. med.  
nauk; LEVINA, O.Ya., kand. med. nauk; LENYUSHKIN, A.I., kand.  
med. nauk; LEYBZON, N.D., doktor med. nauk; MALININA, L.I.,  
doktor med. nauk; MAREYEVA, T.G., kandidat meditsinskikh  
nauk; NERSESYANTS, S.I., kand. med. nauk; OVCHINNIKOV, A.A.;  
OGLEZNEV, K.Ya., kand. med. nauk; ROSTOTSKAYA, V.I., kand.  
med. nauk; STEPANOV, E.A., kand. med. nauk; EPSHTEYN, P.V.;  
OSTROVERKHOV, G.Ye., prof., glav. red.; DOMBROVSKAYA, Yu.F.,  
prof., otv. red.

[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po  
pediatrii. Moskva, Meditsina. Vol.9. [Pediatric surgery] Khi-  
rurgii detskogo vozrasta. Red.toma S.IA.Doletskii. 1964. 654 p.

(MIRA 17:9)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya). 2. Chlen-  
korrespondent AMN SSSR (for Bairov, Volkov).

VOLKOV, M.V., prof.

Conference on the Prevention of Invalidism in Traumatological  
Patients. Ortop., travm. i protez. 24 no.3:90-91 Mr '63.  
(MIRA 17:2)

VOLKOV, M.V., dotsent

Eosinophilic granuloma of the bones in children. *Pediatria*  
41 no.10:50-56 0 '62. (MIRA 17:2)

1. Iz kafedry detskoy khirurgii i ortopedii (zav. - chlen-  
korrespondent AMN SSSR S.D. Ternovskiy [deceased]) II  
Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

VOLKOV, M.V., prof.

Some results of research and problems in the field of  
traumatology and orthopedics. Khirurgiia 39 no.5:3-6  
My '63. (MIRA 17:1)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii  
Ministerstva zdavookhraneniya SSSR.

VOLKOV, M.V. (Moskva V-48, Komsomol'skiy prosp., d. 36, kv.51);  
GINZBURG, R.L.

Homoplasty in the treatment of extensive deep burns in children.  
Ortop., travm.i protez. 23 no.11:31-35 N '62. (MIRA 16:4)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. -  
doktor med.nauk M.V.Volkov) i detskoy khirurgicheskoy kliniki  
(zav. - prof. I.K.Murashov) 2-go Moskovskogo gosudarstvennogo  
meditsinskogo instituta na baze detskoy bol'nitsy imeni N.F.  
Filatova (glavnyy vrach - L.A.Vorokhobov).  
(BURNS AND SCALDS) (HOMOGRAFTS) (CHILDREN—SURGERY)



NIKIFOROVA, Ye.K., zasluzhennyy deyatel' nauki; VOLKOV, M.V., prof.;  
KAPTELIN, A.F., starshiy nauchnyy sotrudnik.

Detection and early treatment of postural defects and scoliosis  
in children. Khirurgiia 39 no.4:109-114 Ap'63 (MIRA 17:2)

1. Iz Tsentral'nogo instituta traumatologii i ortopedii ( dir.  
prof. M.V.Volkov) Ministerstva zdravookhrameniya SSSR.

VOLKOV, M.V.; SHLAPOBERSKIY, V.Ya.

Dystrophic and dysplastic skeletal diseases. Ortop. travm.  
protez. 24 no.7:3-13 J1\*63 (MIRA 17:2)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii  
(dir. - prof. M.V.Volkov).

VOLKOV, M.V.; GINSBURG, R.L.

General principles of treatment of thermic burns in children and the problem of auto- and homotransplantation of skin. Acta chir. plast. 6 no.1:43-53 '64.

1. The Central Institute of Traumatology and Orthopaedics of the Ministry of Health, Moscow, U.S.S.R. Director: prof. M.V.Volkov.

\*

VOLKOV, M. V. AND IMANALIYEV, A. S.

Low Temperature Conservation of Tissues for Subsequent Use in Plastic Surgery.

report submitted for the 11th Intl. Congress of Refrigeration, Munich, Germany  
27 Aug - 4 Sep 1963

VOLKOV, M.V.; DVORKIN, A.M. (Moskva)

Problems in traumatology and orthopedics in light of the decisions  
of the 22d Congress of the CPSU. Ortop., travm.i protez. no.4:3-  
10 '62. (MIRA 15:5)  
(ORTHOPEDIA) (TRAUMATISM) (COMMUNISM AND SCIENCE)

VOLKOV, M.V., doktor med.nauk

Treatment of benign of the bone. Ortop., travm. i protez. no.10:  
77-82 '61. (MIRA 14:10)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta travmato-  
logii i ortopedii (dir. - d-r med.nauk M.V. Volkov).  
(BONES---TUMORS)

SOBOLEVA, N.I.; YEREMEYeva, A.S.; VOLKOV, M.V., dr. med.nauk

Pathomorphological characteristics of osteoblastoclastomas in  
children. Ortop., travm. i protez. no.10:12-18 '61. (MIRA 14:10)

1. Iz patologoanatomicheskogo otdeleniya (zav. - N.I. Soboleva)  
Detskoy klinicheskoy bol'nitsy im. N.F. Filatova (glavnyy vrach -  
L.A. Vorokhobov) i iz kliniki detskoy khirurgii 2-go Moskovskogo  
meditsinskogo instituta im. N.I. Pirogova (zav. kafedroy - chlen-  
kor. AMN SSSR prof. S.D. Ternovskiy [deceased]).  
(BONES--TUMORS)

VOLKOV, M.V., dotsent (Moskva, G-48, Komsomolskiy prosp., d.36, kv.51);  
FEDOROVA, L.Ye.

Closed method for the treatment of congenital hip dislocations  
in children by means of a plaster cast-cot. Ortop., travm. i  
protez. 22 no.3:25-27 '61. (MIRA 14:4)

1. Iz kliniki detskoy khirurgii i ortopedii (zav. kafedroy -  
chlen-korrespondent AMN SSSR prof. S.D. Ternovskiy [deceased])  
II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni  
N.I. Pirogova i iz detskoy ortopedicheskoy polikliniki (zav. -  
A.V. Uvarova) pri bol'nitse im. N.F. Filatova.  
(HIP JOINT-DISLOCATION) (PLASTER CASTS, SURGICAL)



VOIKOV, M. V.

Report of the 279th session of the Moscow and Moscow Province Society  
of Traumatologists and Orthopedists. Ortop., travm. i protez. 22  
no.8:82-83 Ag '61. (MIRA 14:12)

(MOSCOW PROVINCE--ORTHOPEDIC SOCIETIES)

L 20261-65 AMD

ACCESSION NR: AR4015771

3/0292/64/000/013/M013/M028

SOURCE: Ref. zh. Biologiya. Svodnyy tom, Abs. 13M112

AUTHOR: Volkov, M. V.; Imamaliyev, A. S.; Tatishvili, G. T.

TITLE: Transplantation of articular bone ends and prerequisites for replacement of whole joints

CITED SOURCE: Sb. 3 Vses. konferentsiya po peresadke tkaney i organov, 1963. Yerevan, 1963, 286-287

TOPIC TAGS: dog, human, transplantation, bone, joint, knee, homotransplantation

TRANSLATION: Homotransplantation of articular bone ends of extremities preserved at low temperatures ( $-70^{\circ}$ ) was performed in an experiment on dogs and on 40 patients. Joints were taken from cadavers/ in a clinic. Restoration of joint function was ensured by good condition of ligament apparatus. Methods of knee joint homotransplantation are described. Transplantation of whole joints was also used in the clinic. A woman patient who underwent a knee

Card 1/2

L 20261-65

ACCESSION NR: AR4045774

joint transplantation following a malignant synovioma resection was able a year later to use the extremity, though it was not completely supporting.

SUB CODE: LS

ENCL: 00

Card 2/2

KRUTIKOV, K.T., inzh.; GARINOV, K.A., kand. tekhn. nauk; ITTENBERG, I.A.,  
kand. tekhn. nauk; prinimali uchastiye: VAKHTUROV, A.N., starshiy  
nauchnyy sotrudnik; VOLKOV, M.V., starshiy nachnyy sotrudnik;  
KURTSMAN, L.B., starshiy nachnyy sotrudnik; BOGATYREVA, M.I.,  
mladshiy nachnyy sotrudnik; ZABOLOTNEVA, G.K., mladshiy nach-  
nyy sotrudnik; NOVIKOVA, V.V., mladshiy nachnyy sotrudnik;  
ALEKSEYEVA, T.I., mladshiy nachnyy sotrudnik; PETROVA, I.A.,  
mladshiy nachnyy sotrudnik; SEDEL'NIKOVA, A.F., mladshiy  
nachnyy sotrudnik; KATKOVA, T.I., inzh.; ZELENKOV, P.A., inzh.;  
SIDOROVA, L.N., starshiy laborant; KALASHNIKOVA, V.M., starshiy  
laborant; VOYEVODINA, A.Ye., starshiy tekhnik; USPENSKAYA, M.B.,  
starshiy tekhnik; YEPIFANOV, V.K., starshiy tekhnik

[Organization of the shipping of transit cargoes on the Volga-  
Baltic Sea Waterway.] Organizatsiia perevozok tranzitnykh gruzov  
po Volgo-Baltiiskomu vodnomu puti. Moskva, Transport, 1965.  
109 p. (Moscow. Tsentral'nyi nauchno-issledovatel'skii institut  
ekonomiki i ekspluatatsii vodnogo transporta. Trudy, no.40).

SOLOV'YEV, Boris Vasil'yevich; VOLKOV, M.Ya.. otv.red.; BYKOV, I.K.,  
red.izd-va; RYLINA, Yu.V., tekhn.red.

[Iron metallurgy in England; basic trends of development]  
Chernaia metallurgiya Anglii; osnovnye tendentsii razvitiia.  
Moskva, Izd-vo Akad.nauk SSSR, 1960. 222 p. (MIRA 13:3)  
(Great Britain--Iron industry)

LYUBIMOVA, V.V. [translator] VOLKOV, M.Ya., redaktor; KORNILOV, B.I.,  
tekhnicheskiiy redaktor

[Multi-millionaire trusts in France] Trestry-milliardery vo Frantsii.  
Perevod s frantsuzskogo V.V.Liubimovoi. Moskva, Izd-vo inostranoi  
lit-ry, 1953. 177 p. [Microfilm] (MLRA 7:10)  
(France--Trusts, Industrial)  
(Trusts, Industrial--France)

card

AUTHOR: Volkov, M. Ya. sov/65-58-5-13/14  
TITLE: The Petrochemical Industry of Great Britain.  
(Neftekhimicheskaya promyshlennost' Velikobritanii)  
PERIODICAL: Khimiya i Tekhnologiya Toplivo i Masel, 1958, Nr. 5.  
pp. 69 - 72. (USSR).  
ABSTRACT: This review is compiled from British Journals published  
in 1956/7. There is one Table and 19 English References.

Card 1/1

BARAN, P. [Baran, Paul A.]; KON, V.I. [translator]; SOKOLOV, I.A.  
[translator]; YOLKOV, M.Ya., red.; KHABINSKAYA, F.A., red.;  
PRIDANTSEVA, S.V., tekhn.red.

[The political economy of growth] K ekonomicheskoi teorii  
obshchestvennogo razvitiia. Red. M.I.A. Volkov. Moskva, Izd-vo  
inostr.lit-ry, 1960. 427 p. Translated from the English.  
(MIRA 13:12)

(Economic development)



VOLKOV, May Yakovlevich; TRIFONOV, V., red.; KLIMOVA, T., tekhn. red.

[What is a financial oligarchy] Chto takoe finansovaia oligarkhiia.  
Moskva, Gos. izd-vo polit. lit-ry, 1961. 79 p. (MIRA 14:8)  
(Big business)

NOVIKOVA, Faina Andreyevna; VOLKOV, M.Ya., red.; DEMENT'YEV, V.A., red. izd-  
va; MURASHOVA, V.A., tekhn. red.

[Financial groups of the U.S.A. and methods of their domination]  
Finansovye gruppy SShA i metody ikh gospodstva. Moskva, Gos. izd-  
vo "Vysshaya shkola," 1961. 111 p. (MIRA 14:8)  
(United States--Big business)

VOLKOV, May Yakovlevich; GVENTSADZE, I., red.izd-va; GOROKHOVA,  
S.S., tekhn. red.

[Present-day bourgeois economy of England] Sovremennaiia  
burzhuaznaia politicheskaiia ekonomia Anglii. Moskva,  
Vysshiaia shkola, 1963. 91 p. (MIRA 16:6)  
(Great Britain--Economic conditions)

VOLKOV, May Yakovlevich; MATSUK, R.V., red.; GRIGORCHUK, L.A., tekhn.  
red.

[Financial capital and financial oligarchy] Finansovyi kapital i  
finansovaya oligarkhiia. Moskva, Gos.izd-vo "Vysshaya shkola,"  
1961. 99 p. (MIRA 15:1)  
(Finance) (Big business)

VOLKOV, M.Ya., kand.ekonom.nauk

A conference of Russian and English economists. Vest.AN SSSR 31  
no.9:98-100 S '61. (MIRA 14:10)  
(Economics)

KHMEL'NITSKAYA, Ye.L., prof., doktor ekon. nauk; VOLKOV, M.Ya.,  
kand. ekon. nauk; BEL'CHUK, A.I., kand. ekon. nauk; IORDANSKAYA,  
E.N., ml. nauchn. sotr.; MENZHINSKIY, Ye.A.; PAVLOVA, M.A.,  
kand. ekon. nauk; VASIL'KOV, N.P., kand. ekon. nauk; ARDAYEV,  
G.B., kand. ekon. nauk; VAL'KOV, V.A., kand. ekon. nauk;  
TIMASHKOVA, O.K., kand. ekon. nauk; ANDREYEV, Yu.K., ml. nauchn.  
sotr.; PUSHKIN, A.A., ml. nauchn. sotr.; MAKSIMOVA, M.M., kand.  
ekon. nauk; KIRSANOV, A.V., kand. ekon. nauk; SHEBANOV, A.N.,  
ml. nauchn. sotr.

[Changes in the economic structure of the countries of Western  
Europe]Izmeneniia v ekonomicheskoi strukture stran Zapadnoi  
Evropy. Moskva, Nauka, 1965. 433 p. (MIRA 18:9)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy.

GELLER, Z.; VOLKOV, N.

"Heat power economy of the oil and gas industry" by L.R.Stotskii.  
Reviewed by Z.Geller, N.Volkov. Neft.khoz. 39 no.8:71-72 Ag '61.  
(MIRA 14:7)

(Petroleum industry) (Power engineering)  
(Stotskii, L.R.)

VOLKOV, A.; GAVRILOV, Yu.; KHOLKIN, V. (g.Revda); VOLKOV, N. (g.Rezh, Sverdlovskoy oblasti); GRIGOR'YEV, V., gornyy inzh.; TISHCHENKO, N., gornyy inzh.

Our readers' letters. Izobr. i rats. no.10:42-44 0 '58.  
(MIRA 11:11)

1. Nachal'nik byuro sodeystviya izobretatel'stvu i ratsionalizatsii Zaporozhskogo transformatornogo zavoda (for Gavrilov). 2. Nachal'nik byuro sodeystviya izobretatel'stvu i ratsionalizatsii Sredne-ural'skogo medeplavil'nogo zavoda (for Kholkin).  
(Efficiency, Industrial) (Inventions)



~~VOLKOV, N.~~

SSSR - velikaia aviatsionnaia derzhava. Moskva, Gospolitizdat,  
1938. 81 p.

Title tr.: U.S.S.R.-a great aviation power.

DS26.R976h

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of  
Congress, 1955.

VOLKOV, N.

This is what we need. Okhr.truda i sots.strakh. no.2:75-76  
Fe '59. (MIRA 12:4)

1. Direktor Yefremovskogo mezhrayonnogo golovnogogo molochnogo  
zavoda.

(Tula Province--Milk plants) (Industrial hygiene)

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N '63. (MIRA 17:2)

VOLKOV, N., inzh.

Vacuum treatment of cast iron in foundry molds. Rech. transp. 22  
no.11:33-34 N '63. (MIRA 16:12)

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Hygienic farmer's house; technical and hygienic organization  
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1. Higijenski institut NR Srbije, Beograd.

(RURAL CONDITIONS

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(HOUSING

technical & hyg. problems of housing in rural areas (Ser))



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DLC: UG635.R9V6

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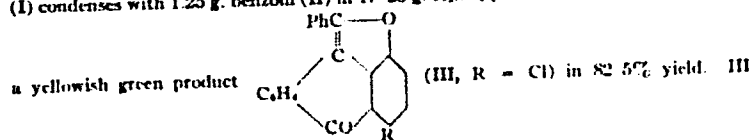
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VOLKOV, N.

Development of Hungary's export potentialities and import requirements. Vnesh. torg. 42 no.5:12-13 '62. (MIRA 15:4)  
(Hungary--Commerce)

VOLKOV, N. A.

Some new furanthrone-derivatives. V. I. MINARV AND N. A. VOLKOV *Bull. inst. polytech. Ivanovo-Voznesensk. 15, 107-12 (1980).*—One g. 2,5-Cl(HO)C<sub>6</sub>H<sub>3</sub>(OH) (I) condenses with 1.25 g. benzoin (II) in 17-25 g. H<sub>2</sub>SO<sub>4</sub> (d. 1.84) after 12-8 hrs. to give



is unstable at temps. above 60°. Its soln. in H<sub>2</sub>SO<sub>4</sub> (d. 1.84) is intensely red and has a yellow fluorescence when dil., and is yellowish green when concd. The concd. soln. in AcOH is yellowish green and has a green fluorescence. III is insol. in H<sub>2</sub>O, NaOH, Na<sub>2</sub>CO<sub>3</sub>, petr. ether, benzene, EtOH and MeOH, and easily sol. in CHCl<sub>3</sub>, CS<sub>2</sub>, PhH, Et<sub>2</sub>O, AcMe, C<sub>6</sub>H<sub>6</sub>N, C<sub>6</sub>H<sub>5</sub>Me, AcOH and EtOH-AcOH mixt. From most of these solns. III is reprecipitated by adding H<sub>2</sub>O or petr. ether. This property was utilized in the purification of III, e. g., 1 pptn. from AcOH gave a product giving Carius values for C 4.00-5.63% (theoretical = 10.74%), while 3 successive reprecipitations from AcMe gave a product with Cl 8.82-9.31%. This method of purification involves large losses of material, e. g., from 5-6 g. dried III only 0.15 g. was obtained after 3 reprecipitations from AcMe. III, boiled with PhNH<sub>2</sub> for 1.5-2 hrs. in the presence of AcONa and (AcO)<sub>2</sub>Cu, gives IV (III, R = PhNH) cinnamon-brown powder, sol. in EtOH and AcOH. Reprecipitated IV contains N and probably has the structure shown. III, boiled with β-aminoanthraquinone in C<sub>6</sub>H<sub>6</sub> for 10-12 hrs., gives V (III, R = C<sub>6</sub>H<sub>4</sub>(CO)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>NH), brown powder, insol. in NaOH, and which upon reduction with Na<sub>2</sub>S<sub>2</sub>O<sub>4</sub> and warming forms a colored soln. which dyes cotton fabric a pale cinnamon color.

LEWIN W. BIRN

LIST AND (NO) GROUPS																										PROPERTIES AND PROPERTIES INDEX																									
1ST AND 2ND GROUPS																										3RD AND 4TH GROUPS																									
<p><b>VOLKOV, N. A.</b></p> <p>Mineral formations in the coal seam of "Sredali" in the Karaganda coal basin. N. A. Volkov, V. I. Luchitskii and S. D. Chetverikov. <i>Mineral. Sibir' 9</i>, No. 2, 48-50 (1934). The minerals are quartzine, a fibrous modification of <math>\text{SiO}_2</math>, kaolinite and celestite. Chas. Blanc</p>																																																			
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
<p>1ST AND 2ND GROUPS</p>																																																			
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PROCESSES AND PROPERTIES INDEX																																																			
<p><b>VOLKOV, N. A.</b></p> <p>Underground gasification of coal. N. Volkov. <i>From Nauka i Tekh.</i> 1938, No. 6, 57-62; <i>Chem. Zvesti.</i> 1938, II, 2536. — The suggestion, based on the idea of Mendelejew and Ramsay, is to gasify the coal underground by regulated admission of air and elec. ignition and thus to produce generator gas cheaply and on a large scale. It is pointed out that generator gas has already been produced on a small scale in Russia by this method. M. G. M.</p>																																																			
<p>ASB. 11. A METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

VOLKOV, N. A., DOCENT

COAL- NALAIIKHA BASIN

Petrographic study of the coals of the "Nalaikha" coal field in the Mongolian People's Republic in connect'ion with briquetting. Nauch. trudy Mosk.gor.inst. No. 8 1950/

Monthly List of Russian Accessions. Library of Congress, October 1952.  
Unclassified.



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Planning of Arctic navigation and long-range forecasting. Probl.  
Arkt. i Antarkt. no.18:40-47 1974.

(MIRA 18:3)

VOLKOV, N.A., red.; KHRUSTALEVA, N.K., red.; KOTLYAKOVA, O.I., tekhn.  
red.

[Results of scientific research work by the drifting ice stations "Severnyi polius-4" and "Severnyi polius-5" during 1955.56] Rezul'taty nauchno-issledovatel'skikh rabot dreifuiushchikh stantsii "Severnyi polius-4" i "Severnyi polius-5" 1955/56 goda. Pod obshchei red. N.A.Volkova. Leningrad, Izd-vo "Morskoï transport." Vol.6. 1961. 235 p. (MIRA 15:7)

1. Leningrad. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut.

(Arctic regions--Ice)

KNYAZEV, N.N.; VOLKOV, N.A.; ARTAMONOV, M.N.

Weight and size indices of marine gas turbine plants with free  
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(MIRA 14:8)

(Marine gas turbine) (Marine diesel engines)

VOLKOV, N.A.

Fridtjof Nansen, a great polar explorer and humanist; on the 100th anniversary of his birth. Izv. Vses. geog. ob-va 93 no.6:479-486  
N-D '61. (MIRA 15:1)

(Nansen, Fridtjof, 1861-1930)

VOLKOV, N.A., kand. geogr. nauk, red.; KAPLINSKAYA, L.G., red.;  
KOTLYAKOVA, O.I., tekhn. red.

[Results of research completed by the drifting stations "North Pole 4" and "North Pole 5" in 1955-56] Rezul'taty nauchno-issledovatel'skikh rabot dreifuiushchikh stantsii "Severnyi polius-4" i "Severnyi polius-5" 1955/56 goda. Pod obshchei red. N.A.Volkova. Leningrad, Izd-vo "Morskoi transport." Vol.2. 1959. 338 p. (MIRA 15:5)

1. Leningrad. Arkitcheskiy i antarkticheskiy nauchno-issledovatel'skiy institut. 2. Nachal'nik stantsii "Severnyy polyus-5" (for Volkov). (Arctic regions--Oceanographic research)

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Increasing the efficiency of high-frequency induction heating.  
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(MIRA 14:10)

(Induction heating)

GRIGORYANTS, I.K., inzh.; VOLKOV, N.A.

Using cold mastics in pasting linoleum to wooden, concrete,  
and "orgalite" floors. Suggested by I.K.Grigoriants, N.A.  
Volkov. Rats.i izobr.predl.v stroi. no.11:64-65 '59.  
(MIRA 13:3)

1. Tröst Mosotdelstroy No.5 Glavmosstroya, Moskva.  
(Bituminous materials)  
(Linoleum)

YANOVSKIY, B.M.; GORBATSEVICH, S.V.; ~~VOIKOV, N.A.~~; YUDIN, M.F., kand. tekhn.  
nauk, otv. red.; ZABORDINA, A.A., tekhn. red.

[Absolute measurements of electric currents] Absolutnye izmereniya  
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Vsesoiuznyi nauchno-issledovatel'skii institut metrologii. Trudy,  
no.15). (MIRA 11:5)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta  
metrologii im. D.I. Mendeleeva (for Yudin).  
(Electric currents--Measurements)



VOLKOV, Nikolaj D., San., ing.

Hygienic and technical characteristics of humid dwellings in the Autonomous Region of Vojvodina. Higijena, Beogr. 7 no.1-4:516-523 1955.

1. Higijenski institut NRS, Beograd.

(HOUSING

humid dwellings relation to pub. health (Ser))

(PUBLIC HEALTH

relation to humid dwellings (Ser))

BARTON, Ye.Y.; VOLKOV, N.Y.; ROMANOV, B.A.

Substantiating the principle of the existence of steady in  
thermodynamics.. Izv.-fiz. zhur. 9 no.3:412-417 3 1965.  
(MFA 18-9)

VOLKOV, N. F.

**Fission of uranium nuclei.** N. F. Volkov. *Compt. rend. acad. sci. U. R. S. S.* 24, 528-30 (1939) (in English). — Introductory expts. were carried out in an approach to the problem of the existence of transuraniums, based on Bohr's theoretical concepts explaining the fission of Th and U nuclei (C. A. 32, 3253; 33, 3685). The following expts. were carried out to ascertain whether the process of nuclear fission takes place not only at the very moment of bombardment of U with neutrons, but also somewhat after the bombardment has ceased: (1) 62 g. of Na uranate was bombarded for 24 hrs. by neutrons from the Radium Inst. of the Acad. of Sci. cyclotron, the reaction being  $D^2 + D^2 \rightarrow H^2 + \alpha^1$ . The neutron intensity was approx. that of 20 curies Rn + Be. After bombardment the Na uranate was scattered over an area of 3500 sq. cm., and 2 layers of tissue paper were placed at a distance of 7-10 cm. from the surface of the U. Five hrs. later the paper was removed and burned and the ash measured for activity with a Geiger-Müller counter. The recoil atoms were collected 5 times at 5-hr. intervals and each time the ash showed an activity that gradually decreased with a half-life equal to 6.5 hrs. (2) One g. of green U oxide was spread over a surface of 700 sq. cm., surrounded with paraffin and bombarded for 24 hrs. Glass plates were kept 3 mm. from the surface for 4 hrs., then were

removed. Filter paper soaked in 7% HCl was used to wipe the surface facing the U and was dried; it always proved active, showing the same 6.5-hr. half-life period. A control expt., with ordinary U, showed no activity in glass or paper after several days. (3) Fission products of U nuclei bombarded (24 hrs.) by neutrons (20 curies Rn + Be) were collected on glass, by the method of radio active recoil (cf. Khlopina, Pasvik-Khlopina and V. C. A. 34, 1550). The glass was removed and covered with 2 layers of paper for 2 hrs. The papers touching the glass and the 2nd layer were burned separately and gave 2 half-lives of 4 and 19 hrs., resp. Further work is reported in progress on the examn. of the tracks of subsequent fission of U nuclei and of its heavier products by the method of differential counters, the Wilson cloud chamber and thick-layered photoplates. Also an attempt at discovering the gaseous decay product and detg. its chem. nature is planned. Frank Gonter

ASD SIA METALLURGICAL LITERATURE CLASSIFICATION

130N-170-1199

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VOLKOV, N.F.

Content of cobalt, maganese, and zinc in the blood and internal  
organs in atherosclerosis. Terap. arkh. 34 no.12:52-56 D'62.  
(MIRA 16:6)

1. Iz kafedry gosptal'noy terapii ( zav. - prof. F.Kh.  
Dovgyallo) Minskogo meditsinskogo instituta.  
(ARTERIOSCLEROSIS) (TRACE ELEMENTS IN THE BODY)

VOLKOV, N.F.

Zinc, free sulfhydryl groups, and protein fractions in the  
blood serum of atherosclerosis patients. Zdrav.Bel.9 no.2:  
28-30 F'63. (MIRA 16:7)

1. Iz kafedry gosptal'noy terapii (zaveduyushchiy - prof. G. Kh.  
Dovgyallo) Minskogo meditsinskogo instituta.  
(ZINC IN THE BODY) (MERCAPTO GROUP) (BLOOD PROTEINS)  
(ARTERIOSCLEROSIS)

VOLKOV, N. F., (Engr)

Dissertation: "Heat Exchange by Radiation in the Combustion Chambers of Tubular Furnaces."  
Cand Tech Sci, Moscow Order of the Labor Red Banner Petroleum Inst imeni I. M. Gubkin,  
22 Jun 54. (Vechernyaya Moskva, Moscow, 11 Jun 54)

SO: SUM 318, 23 Dec 1954

AUTHORS: Volkov, N.F., Geller, Z.I. SOV/90-58-2-4/9

TITLE: On Using Air-Heaters for Tubular Furnaces (K voprosu o primeneni vozdukhopodogrevateley dlya trubchatykh pechey)

PERIODICAL: Energeticheskiy byulleten', 1958, Nr 2, pp 17-24 (USSR)

ABSTRACT: The author recommends using induced draught in air-heating installations attached to the NPZ tubular furnaces. This measure better exploits the thermal energy of the escaping hot smoke, and slows down the clogging of the pipes. After having mentioned two other methods to increase the efficiency of tubular furnaces (introduction of dolomite or lime into gas pipes; system of regenerative air-heaters), he pays special attention to the system called "pipe-within-a-pipe". This system, developed by Engineer A.A. Akhmed-zade in the Zavod im. Andreyeva ("Andreyev" Plant) at Baku in 1948, essentially consists in leading hot smoke through a pipe, which in its turn is very loosely sheathed by another pipe. The Department of Thermotechnics and Hydraulics of the Groznenskiy neftyanoy institut (Oil Institute of Groznyy) carried out the tests on this system and decided in favor of the system for cases where its installation is technically

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SOV/90-58-2-4/9

On Using Air-Heaters for Tubular Furnaces. For Discussion.

possible and financially expedient. The calculations needed by the system were prepared by the Department, as well as the nomogram for making the calculations easier. The conclusions of the author are: 1) reliable operation of the tubular air-heaters attached to the NPZ furnaces can only be ensured in combination with induced draught; 2) regenerative air-heaters are essentially better than tubular ones. There are 2 tables, 1 nomogram and 9 Soviet references.

1. Furnaces--Equipment    2. Heaters--Performance    3. Heaters  
--Test methods    4. Mathematics

Card 2/2



SOV/65-59-7-9/12

AUTHORS: Volkov, N.F., and Geller, Z.I.

TITLE: Some Features of Heat Exchange in the Fire-Boxes of Tubular Furnaces and the Distribution of Radiant Flux over the Baffles (Nekotoryye osobennosti teploobmena v topkakh trubchatykh pechey i raspredeleniye luchistykh potokov po ekranam)

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1959, Nr 7, pp 38-47 (USSR)

ABSTRACT: After discussing some published work on radiant heat transfer in tubular furnaces the authors describe their own tests on three heating furnaces in the oil industry. These were a two-chamber, double-flow furnace (Fig 1) and type R-1 (Fig 2) and N-1 (Fig 3) single-chamber furnaces. The respective fire-box volumes were 404, 206 and 340 m<sup>3</sup>. Table 1 gives design details. The authors used VNIIT low-inertia two-sided radiometer-heat probes for measuring local fluxes and also compiled heat balances (Table 2). Thermal fluxes at a constant firing rate were found to be substantially influenced by numerous factors. The relation between radiant flux and total heat output per unit volume of firing box varies for furnaces of different designs. In the furnaces

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SOV/65-59-7-9/12

Some Features of Heat Exchange in the Fire-Boxes of Tubular Furnaces and the Distribution of Radiant Flux over the Baffles

investigated, the distribution of flux between baffles was very uneven, even taking the average of several determinations: a six-fold ratio between maximum and minimum thermal stresses in baffles was observed in some tests. Aerodynamic factors caused a characteristic distribution of radiant flux (Fig 4) in one of the furnaces (Fig 1). Distribution of thermal flux over a roof baffle is shown in Fig 5. Tests were carried out with burners switched off at various points: greatest uniformity of incident radiant flux was obtained when the burner nearest the baffle was turned off (middle graph of Fig 6, which shows frequency curves for flux intensities). Deposits on the baffles and tubes caused further non-uniformity and led to scatter of experimental points on a graph of roof baffle thermal efficiency as a function of incident radiant flux. The outside deposit surfaces of tubes were found to be 300 - 350 °C hotter than the product being heated, which must greatly restrict the role of convective heat transfer; on the other hand, the authors conclude that the effect of baffling on radiation factors has been

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SOV/65-59-7-9/12

Some Features of Heat Exchange in the Fire-Boxes of Tubular Furnaces  
and the Distribution of Radiant Flux over the Baffles

exaggerated (Refs 2, 5). To obtain greatest uniformity in the firing box a cascade control system should be used. For measuring the thermal load on a baffle the authors favour the direct measurement of incident radiation with a radioactive probe (Fig 8). An editorial note invites further contributions on the subject.

Card 3/3 There are 8 figures, 2 tables and 10 Soviet references.

← VOIKOV, N.F.:

Thermodynamic analysis of diagrams for using secondary  
power resources in petroleum refineries. Izv.vys.ucheb.  
zav.; neft' i gaz 3 no.6:97-104 '60. (MIRA 13:7)

1. Groznenskiy neftyanoy institut.  
(Waste heat) (Petroleum--Refining)

ABOVSKIY, A.P.; VOLKOV, N.F.; GELLER, Z.I.

Concerning the methodology for designing a concentric pipe-type  
air preheater. Prom. energ. 15 no.7:48-50 J1 '60. (MIRA 15:1)  
(Air preheaters)

YUSHKO, A.V.; VOLKOV, N.F.

Characteristics of the course of trichinosis. Zdrav. Bel.  
8 no.6:63 Je'62. (MIRA 16:8)

1. Iz gosspital'noy terapevticheskoy kliniki (zav. - prof.  
G. Kh. Dovgyallo) Minskogo meditsinskogo instituta.  
(TRICHINA AND TRICHINOSIS)

VOLOKOV, N.F. (Khar'kov, TBigarevskiy pereulok, d.17)

Functional rehabilitation of invalids using active cosmetic  
prostheses of V.I.Kapusta construction following bilateral  
amputation of the upper extremities. Ortop., travm. i protez.  
25 no.12:35-39 B '64.

(MIRA 19:1)

1. Iz otdela slozhnogo protezirovaniya (zav. - kand.med.nauk  
O.A.Bukhtiarov) Ukrainakogo instituta ortopedii i travmatologii  
imeni M.I.Sitenko (direktor - chlen-korrespondent AMN SSSR  
prof.N.P.Novashenko). Submitted September 27, 1963.

VOLKOV, N.G.; LYAPIDEVSKIY, V.E.; OBODOVSKIY, I.M.

Width of tracks in convection chambers. Prib. i tekhn. eksp. 2  
no.3:61 My-Je '63. (MIRA 16:9)

1. Moskovskiy inzhenerno-fizicheskiy institut.  
(Photography, Particle track)



VOLKOV, N. G.

VOLKOV, N. G., Inzh. i LIBERMAN, A. D. Kand. Tekhn. Nauk, SHELKOVSKII, V. M. Inzh.

Ukrainskiy Nauchnoissledovatel'skiy Institut sooruzhniy Mnogoetazhnyye sbornyye  
zhilyye doma karkasnopanel'noy Konstruktsii Page 69

SO: Collections of Annotations of Scientific Research Work on Construction, completed  
in 1950.  
Moscow, 1951

LUK'YANOV, V.I.; MYSLIN, V.A.; SHNEYEROV, A.I.; KHORKHOT, A.Ya.;  
YELENSKIY, M.S.; MEL'NIKOVA, O.M.; PLESHKOV, L.Ye.; ORLOV, V.V.;  
ZLATOLINSKIY, V.N.; VISHNEVSKIY, F.L.; LAPSHENKOV, P.G.; MAKHOV,  
M.S.; RUKAVISHNIKOV, I.D.; LITKIN, K.F.; KOZHEVNIKOV, O.A.;  
ZORKIN, G.M.; NORMAN, B.B.; TUMANOV, N.S.; SEREBRYANIKOV, S.M.;  
VOLKOV, N.G.; NOVIKOV, P.G.; FRIDBERG, G.V., inzh., red.izd-va;  
GELINSON, P.G., tekhn.red.

[Designing chief plans for industrial plants; principal methods]  
Proektirovanie general'nykh planov promyshlennykh predpriatii;  
osnovnye polozhenia. Moskva, Gos.izd-vo lit-ry po stroit.,  
arkhit. i stroit.materialam, 1960. 103 p.

(MIRA 13:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut grado-  
stroitel'stva i rayonnoy planirovki. 2. Nauchno-issledovatel'skiy  
institut gradostroitel'stva Akademii stroitel'stva i arkhitektury  
USSR (for Khorkhot, Yelenskiy, Mel'nikhova). 3. Gosudarstvennyy in-  
stitut proyektirovaniya metallurgicheskikh zavodov (Gipromet) (for  
Pleshkov). (Continued on next card)

1. VOLKOV, M. G., Eng.
2. USSR (600)
4. Refrigerator Cars
7. Train with mechanical refrigeration, Ryb. khoz. 29, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

VOLKOV, N. G.

95

8/089/62/013/006/019/027  
B102/B186

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo  
instituta (Scientific Conference of the Moscow Engineering  
Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400 delegates participating. A review is given of these lectures that are assumed to be of interest for the readers of Atomnaya energiya. They are following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev, design of accelerators for superhigh energies; I. Ya. Pomeranchuk, analyticity, unitarity, and asymptotic behavior of strong interactions at high energies; A. B. Migdal, phenomenological theory for the many-body problem; Yu. D. Fivyskiy, deceleration of medium-energy antiprotons in matter; Yu. M. Kogan, Ya. A. Iosilevskiy, theory of the Mössbauer effect; M. I. Ryazanov, theory of ionisation losses in nonhomogeneous medium; Yu. B. Ivanov, A. A. Rukhadse, h-f conductivity of subcritical plasma;

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S/089/62/013/006/019/027  
B102/B186

## Nauchnaya konferentsiya...

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